IRRIGATION CONTROLLER CAGE ASSEMBLY 120 VOLTS 2-WIRE W/ GROUND #6 CU STRANDED (THHN) CONDUCTORS COLOR MATCH TO FEEDERS. #8 CU STRANDED (THHN) GREEN (SEE NOTE #2) 1 1/4" SCHD 40 PVC W/BUSHING (DUCT SEAL END OF CONDUIT) TYP. BUSSMAN HEB TRON FUSE HOLDER W/20A KTK FUSE, (TAPE FUSE TO HOLDER UNTIL METER IS SET) #6 COPPER CONDUCTOR (120 VAC) STREET LIGHT #6 COPPER CONDUCTOR (NEUTRAL) #6 CU STRANDED CONDUCTORS **CIRCUIT** #6 COPPER CONDUCTOR (120 VAC) RED/WHITE/BLACK #8 COPPER CONDUCTOR (W/PVC ONLY) TYP. SPLITBOLT CONNECTION (SEE NOTE #4)

## NOTES:

1. GROUT BOX AT CONDUIT ENTRANCE. RESTORE ANY GROUT DAMAGED BY INSTALLATION.

TYPICAL NO. 3 1/2 PULLBOX (SEE P.W. STD. E-4)

- 2. CONNECT #8 CONDUCTOR TO CONDUIT BOND WIRE (FOR GRC INSTALLATIONS)
  OR TO GREEN GROUND WIRE (FOR PVC INSTALLATIONS.)
- 3. INSULATE HOT/NEUTRAL SPLICES AS FOLLOWS:

  COVER WITH 2-LAYERS RUBBER TAPE-FILLING VOIDS.

  APPLY 1-LAYER 1/2 LAPPED PVC TAPE

  APPLY 1-LAYER FRICTION TAPE & COAT WITH A ELECTRICAL INSULATING COATING (SKOTCHKOTE OR EQUAL.)

REF. & REV. AUG. 2002

CITY OF FRESNO

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